$$U_{c\,max} = \frac{Q_{max}}{C} = U_0$$

$\varphi_{u_c} = \varphi_q$ (u_c et q en phase)

$$u_L(t) = -u_C(t)$$

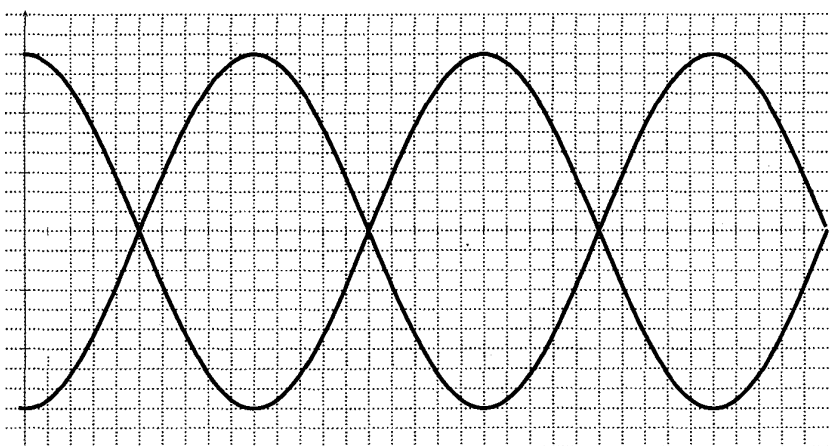
$$= -10 \sin\left(10^3 t + \frac{\pi}{2}\right)$$

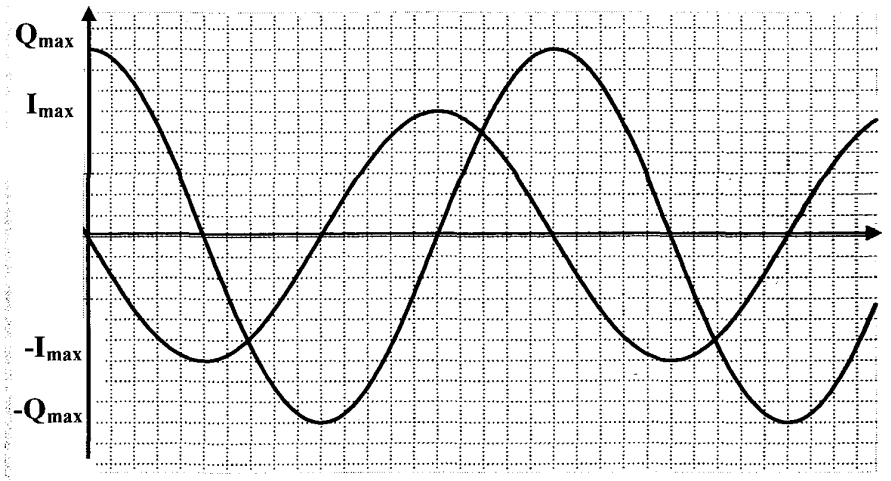
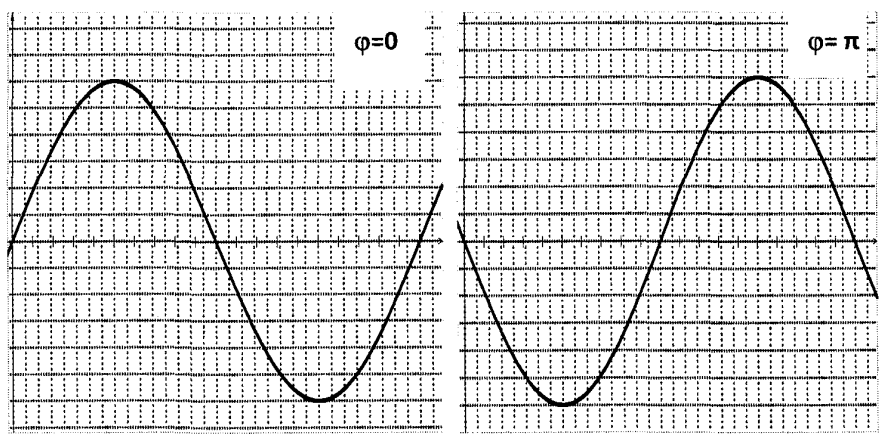
$$= 10 \sin\left(10^3 t + \frac{\pi}{2} + \pi\right)$$

$$U_{Lmax} = U_{Cmax}$$

$\varphi_{u_C} = \varphi_{u_L} + \pi$ (en opposition)

Remarque :





Remarque :